





3969 Iron

**Workmanship.** Are the lands or laps of the clenchwork in all cases in breadth at least five and a half times the diameter of the rivets in double rivetted edges and butts, and at least three and a quarter times the diameter of the rivets where single rivetting is admitted? *Yes*

Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? *Yes*

Do the fillings between the ribs and plates fill in solid with single pieces? *or are they in short lengths of various thicknesses?* *Yes*

Do the holes for rivetting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* and are the rivet holes well and sufficiently countersunk in the outer plate? *Yes*

Are there any rivets which either break into or have been put through the seams or butts of the plating? *a few in corners of Bulkheads*

Her Masts, Bowsprit, Yards, &c., are in *Wood* condition, and sufficient in size and length. (If they are of Iron or Steel give the Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of rivetting, quality of Materials, and if stamped with Maker's name.

She has SAILS.

N<sup>o</sup>. *A*  
Fore Sails,  
*single* Fore Top Sails,  
*single* Fore Topmast Stay Sails,  
*single* Main Sails,  
*single* Main Top Sails,  
*single*

*Tested by E. Smith*  
CABLES, &c.

	Fathoms.	Inches.	Tested to Tons.
Chain <i>10 1/2 lb. 103</i>	140	1 7/8	28 1/2
Hempen Stream Cable	90	1 1/2	
Hawser <i>Cham.</i>	60	3/4	9
Towlines	90	5	
Warp	90	5	
All of <i>Good</i> quality.	90	1 1/2	

*Turn and Patent*  
ANCHORS, and their weights.

	N <sup>o</sup> .	Weight. Tons.	Tested to Tons.
Bowers, <i>Tested June 23<sup>rd</sup> 1864</i>	3	17.0.14	10 1/2
<i>July 10<sup>th</sup> 1863</i>		15.0.17	15
<i>July 10<sup>th</sup> 1863</i>		15.0.17	15
Stream, <i>Rodgers patent</i>	1	5.1.2	
Kedges, <i>"</i>	2	3.0.2	
		1.3.1	

Her Standing and Running Rigging *Gal. Mar. 2. Hamp.* sufficient in size and *Good* in quality.

She has *two 26 feet* Long Boat and *two others of 24 feet*  
The present state of the Windlass is *new* Capstan *new* and Rudder *new* Pumps *new and efficient*

Order for Special Survey DATES of  
No. *343* Surveys held  
Date *June 28<sup>th</sup> 1864* while building  
Order for Ordinary Survey as per  
No. *1*  
Date *1<sup>st</sup> 1865* Section 18.

1st. On the several parts of the frame, when in place, and before the plating was wrought  
2nd. On the plating during the progress of rivetting *Built under Special Survey*  
3rd. When the beams were in and fastened, and before the decks were laid *from 22<sup>nd</sup> June 1864 to 21<sup>st</sup> Jan<sup>y</sup> 1865*  
4th. When the ship was complete, and before the plating was finally coated  
5th. After the ship was launched

State if she has a Spar Deck *No* Poop *Yes* or Forecastle *Yes*

General Remarks,

*Sheerstrake doubled its whole depth for three fourths the length of the vessel with a 5/8 plate. Built from fitted to Bilge Keelson 8 x 5/8. Gunwale Plate increased to 3/8 in width; fitted with a Full Poop and Forecastle*

*The Bower Anchors have been in stock since 1800, having been supplied for the Sloop S<sup>t</sup> "Otago" and refused in consequence of being too light*

In what manner are the surfaces preserved from oxidation? Inside *Flat of bottom with Portland Cement, with black lead*  
Ditto ditto Outside *Red lead*

I am of opinion this Vessel should be Classed *A. 1*  
The amount of the Fee .....£ *5* : .. is received by me,  
*H. W. C.* Special .....£ *28.14*  
Certificate (if required) .....£ *Quater*

Committee's Minute *31<sup>st</sup> January 1865*

Character assigned

*B 1*



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